Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

Name of Work:- Maintenance of Crematorium Burial Ground and Office Maintenance in Ward No 13, Shettyhalli Sub Division.

3291,	Job Code: 013-19-000010					Est .Cost Rs.	750000.00

Sl No	Description of Items	No	Length m	Breadth m	Depth m	Quantity	Unit	Rate in Rs	Amount in Rs
1	KSRRB 300-3. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. **(Page No. 143/ Item No. 19.1/ PWD SR 2018-19)**								
	For BS Slab Drain								
	Desilt	1	58.00	(0.90 + 0.60)/2	1.00	43.50			-
	Below GL level L2 Wall	1	37.00	0.75	0.30	8.33			
						51.83	**Cum**	**207.60**	**10758.87**
	Basic Rate	**130.00**							
	Loading and unloading charges	**57.00**							
	lead for earth 5 km	**12.80**							
	Add Area Weightage 6%	**7.80**							
	Total	**207.60**							
2	KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of modified proctors density. MORTH Specification No. 305 **(Page No. 8/ Item No. 2.10/ PWD SR 2018-19)**								
	For Levelling								
		1	18.00	14.00	1.50	376.64			
						376.64	**Cum**	**351.00**	**132200.60**
	Basic Rate	**325.00**							
	Add Area Weightage 8%	**26.00**							-
	Total	**351.00**							
3	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specificationsdo- Wall & bottom thickness 15cm (Page No.37.59.2/ Item No. 37.59.2/ PWD SR 2018-19)								
	For Plinth Beam	1	37.00	0.60	0.15	3.33			
						3.33	**Cum**	**7189.42**	**23940.76**
	Basic Rate	**6670.00**							
	Deduct Cement cost as per SR -18-19 Page No.V Sl.No.123	**-1471.89**	**Note:- (300*490.63/100)=1471.89**						
	Add Cement cost as per Issue rate	**1584.36**	**Note:- (300*264.06/50)=1584.36**						
	Sub-Total	**6782.47**							
	Add Area Weightage 6%	**406.95**							
	Total	**7189.42**							-
4	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3, TMT bars Fe 500. **(Page No.18, Item No.4.46.2 PWD SR 2018-19)**								
	Consider 90kg/Cum for RCC drain	1	3.33	x	90 Kg	0.30			
						0.30	**Tonne**	**76643.28**	**22969.99**
	Basic Rate	**70966.00**							
	Add Area Weightage 8%	**5677.28**							
	Total	**76643.28**							

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	viding and constructing granite /trap/ baslat size stone masonry in foundation with cement mortar 1:6, ones hammerd dressed in courses not less than 20cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications **(Page No.25, Item No.5.6 PWD SR 2018-19)**								
	For Burial Ground Compound Wall								
	Below GL level L2 Wall	1	37.00	0.60	0.20	4.44			
	Above ground level L2 Wall	1	37.00	0.45	2.10	34.97			
						39.41	**Cum**	**4983.92**	**196391.55**
	Basic Rate	**4596.00**							
	Deduct Cement cost as per SR -18-19 Page No.V Sl.No.123	**-245.32**	**Note:- -(0.20*1*1=0.2 Cum/Sqm) (0.20*250*490.63/100)=245.32**						
	Add Cement cost as per Issue rate	**264.06**	**Note:- (0.2*250*264.06/50)=264.06**						
	Sub-Total	**4614.75**							
	Add Area Weightage 8%	**369.18**							
	Total	**4983.92**							
6	Providing ruled pointing to coursed stone masonry with cement mortar, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. – do – cement mortar 1:4 **(Page No.256, Item No.34.13.1 PWD SR 2018-19)**								
	For Burial Ground Compound Wall								
	Above ground level L2 Wall	1	37.00		2.10	77.70			
						77.70	**Sqm**	**155.33**	**12069.13**
	Basic Rate	**140.00**							
	Deduct Cement cost as per SR -18-19 Page No.V Sl.No.123	**-50.04**	**Note:- (0.02*1*1=0.02Cum/Sqm) (0.02*510*490.63/100)=50.04**						
	Add Cement cost as per Issue rate	**53.87**	**Note:- (0.02*510*264.06/50)=53.87**						
	Sub-Total	**143.82**							
	Add Area Weightage 8%	**11.51**							
	Total	**155.33**							
7	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 **(Page No.26, Item No.5.24.1 PWD SR 2018-19)**								
	For Burial Ground Compound Wall								
	L1 Wall	1	41.00		2.10	86.10			
						86.10	**Sqm**	**992.26**	**85433.59**
	Basic Rate	**916.00**							
	Deduct Cement cost as per SR -18-19 Page No.V Sl.No.123	**-36.11**	**Note:- (7.36*490.63/100)=36.11**						
	Add Cement cost as per Issue rate	**38.87**	**Note:- (7.36*264.06/50)=38.87**						
	Sub-Total	**918.76**							
	Add Area Weightage 8%	**73.50**							
	Total	**992.26**							
6	Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered materials, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications **(Page No.120, Item No.15.53.2, PWD SR 2018-19)**								
	For Burial Ground Compound Wall								
	L1 Wall	2	41.00		2.10	172.20			
						172.20	**Sqm**	**110.16**	**18969.55**
	Basic Rate	**102.00**							
	Add Area Weightage 8%	**8.16**							
	Total	**110.16**							
7	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering: providing and removing scaffolding, including cost of materials labour curing complete as per specifications **(Page No.113, Item No.15.16, PWD SR 2018-19)**								
	For Burial Ground Compound Wall								

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	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	For Burial Ground								
	mpound Wall								
		2	41.00		2.10	179.90			49179.79
						179.90	Sqm	298.08	71360.35
	Basic Rate	276.00							
	Area Weightage 8%	22.08							
	Grand Total	298.08							
10	KSRRB M800- Fencing/ Railing KSRRB M800-17. G.I. Barbed Wire Fencing 1.2 Metre High-Providing and fixing 1.2 metres high GI barbed wire fencing with 1.8 m angle iron posts 40 mm x 40 mm x 6 mm placed every 3 metres center to center founded in M15 grade cement concrete, 0.6 metre below ground level, every 15th post, last but one end post and corner post shall be strutted on both sides and end post on one side only and provided with 9 horizontal lines and 2 diagonals interwoven with horizontal wires, fixed with GI staples, turn buckles etc complete as per clause 800.7 as per specifications. MORTH Specification No. 807 **(page No.183, Item No.24.21, SR:2018-19)**								
	For Compound Wall								
		4	38.00			37.000			87946.56
						37.000	Mtr	339.28	12558.24
	Basic Rate	204.00							
	Area Weightage 8%	16.32							
	Grand Total	220.32							
								Total Construction Cost	639860.39
								GST Charges 12%	76783.25
								Tender Premium 5%	31993.02
								Sub Total	748636.65
								Utility Shifting,Miscellaneous and Rounding off	1363.35
								GRAND TOTAL	750000.00

Certificate

1) This Work Comes Within BBMP Limits.
2) Certified that personaly Inspected the Work Spot.
3) Certified that the Estimate is Prepared Based on CSR of PWD Bangalore Circle 2018-19
4) Estimate is Prepared Making Use of essential itemof work as per site conditions in safest way of Execution in most economical way
5) This work is not include in any other program of work.

Assistant Engineer
Ward No.13
BBMP Bangalore

Asst. Executive Engineer
Shettyhalli Sub Division
BBMP Bangalore

Executive Engineer
Dasrahalli division
BBMP Bangalore

ADMINISTRATIVELY SANCTIONED FOR Rs. 7.50 Lakhs
(Rupees Seven Lakh Fifty Thakand only)
Under the Head of Account P:3291.16th Fin: Maintn of Crematorium Burial Grounds
Registered as no EE(D.D.)/AS 204/19-20 Subject to conditions contained in Enclosed Memo No. EE/DD/A.S./204/19-20 Dt: 30/01/20

Exe. Eng
JE/AE. (DASARAHALLI) BBMP

ನಂ. BBMP/EE/DD/TS/44/19-20 ದಿನಾಂಕ :
ರೂ. Rs. 7.50 Lakhs Rupees Seven Lakh Fifty Thousand only
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ [illegible] ನೀಡಿದೆ

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

11 2020.

Name of Work...

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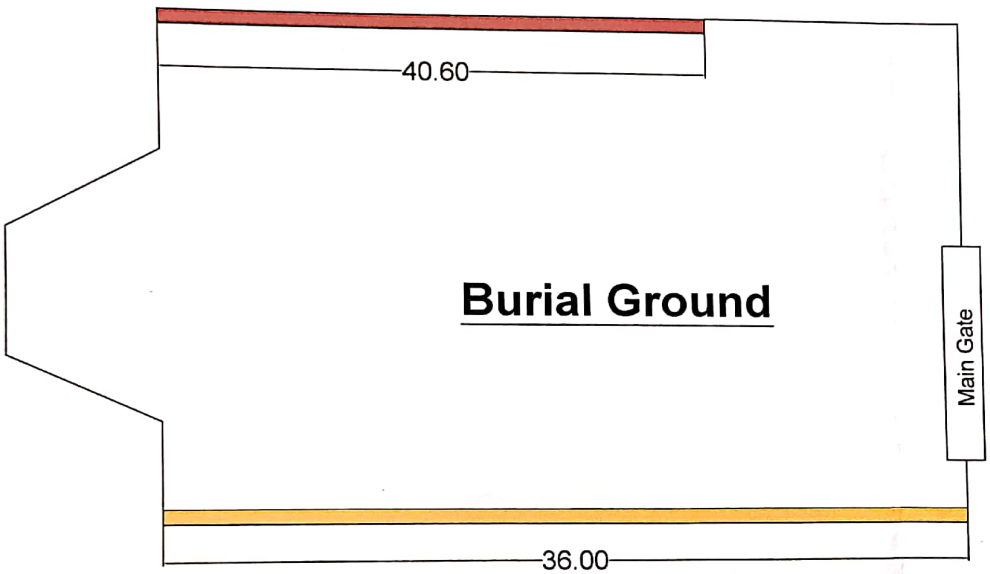
Name of work:- Maintenance of Crematorium Burial Ground and Office Maintenance in Ward no 13 Shettyhalli Sub Division.



Index:-

SSM Wall

Solid Block Wall

All Dimensions are in Meters

ASST ENGINEER
Ward No.13

ASST EXECUTIVE ENGINEER
Shettyhalli Sub Division

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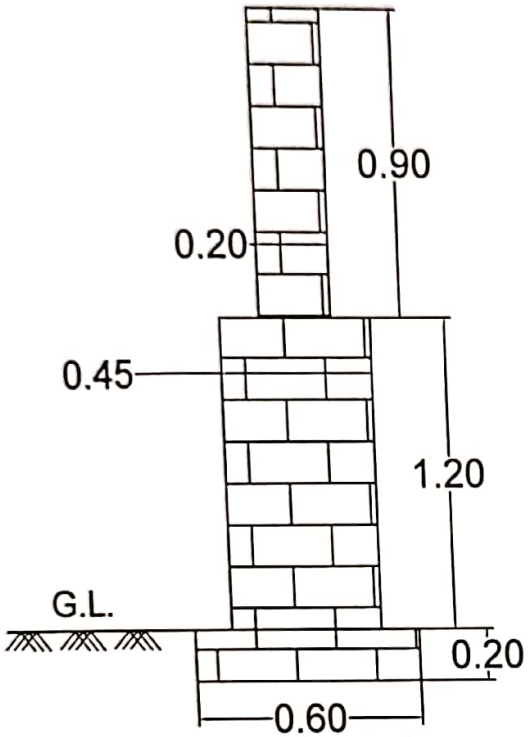
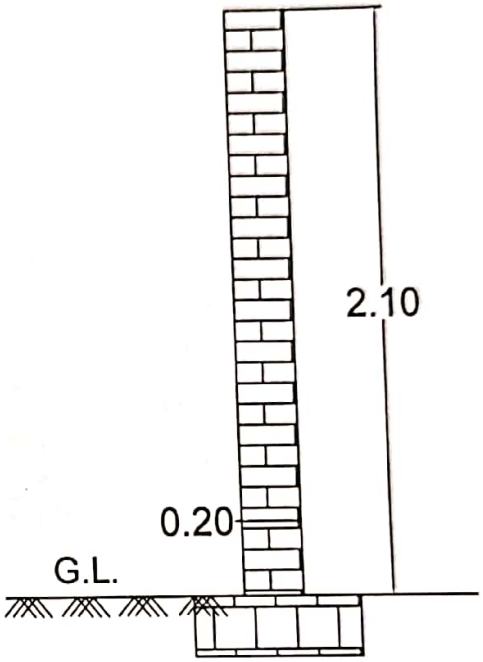
Cross section of SSM Wall



Cross section of Solid block Wall



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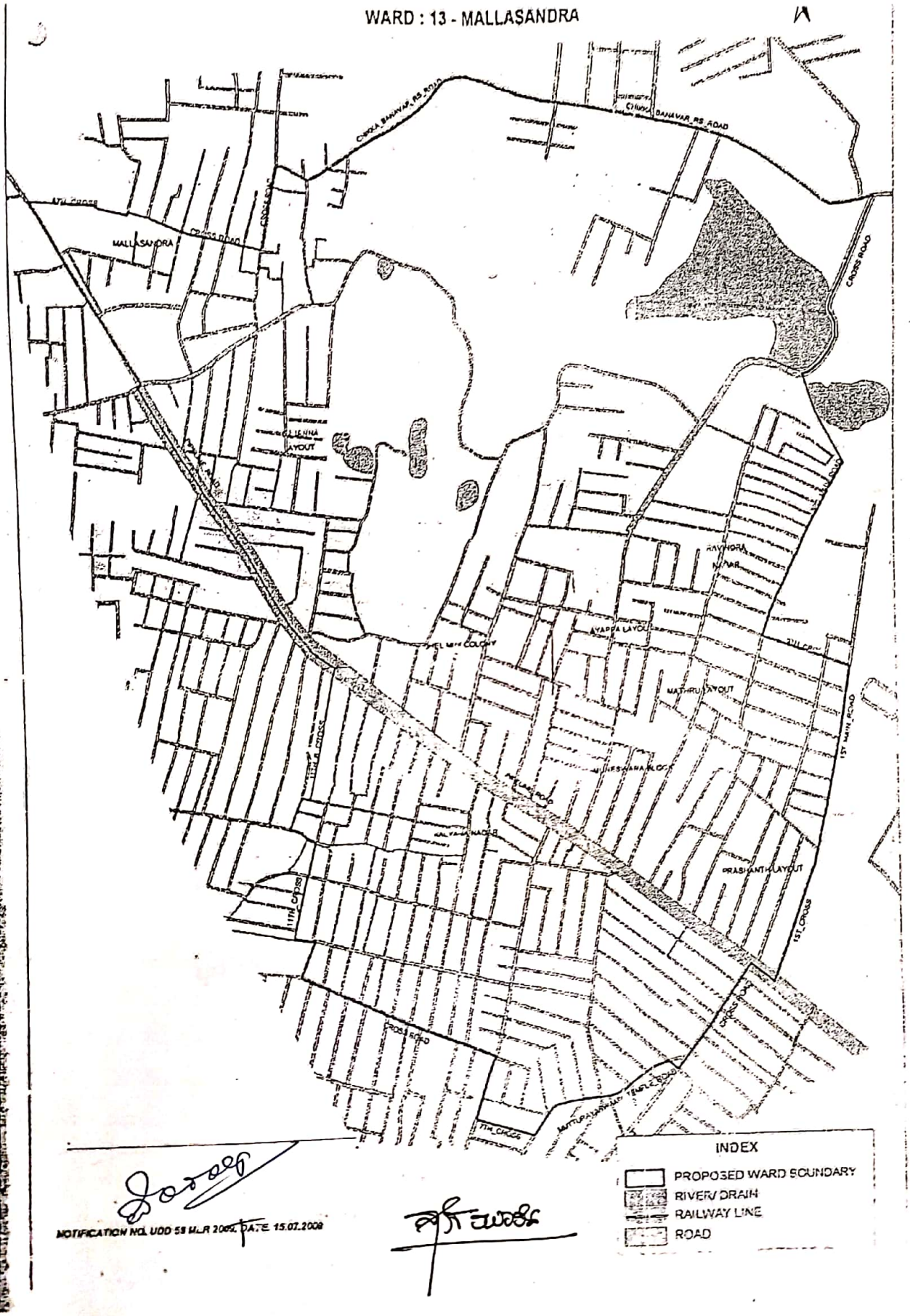

NOTIFICATION NO. UDD 59 MLR 2007, DATE: 15.07.2008

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